
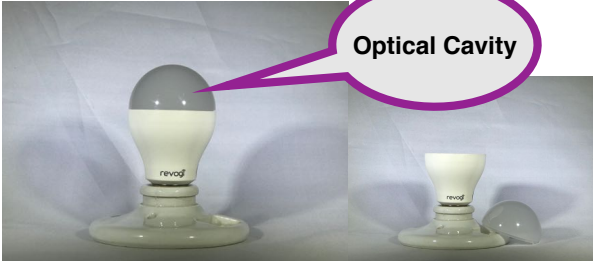

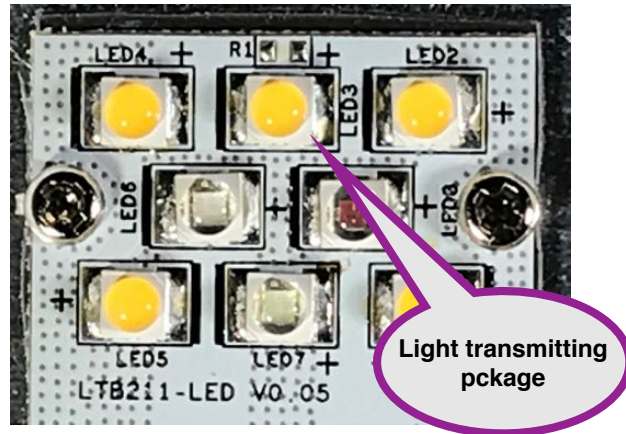


<p>US Patent US RE41,685</p>		<p>Revogi Smart Color LED Bulb LTB211</p>
<p>10. A light source</p>		<p>The Revogi Smart Color LED Bulb LTB211 Light Bulb is a light source.</p>
<p>comprising: an optical cavity;</p>		<p>The opaque plastic dome creates an optical cavity.</p>
<p>a plurality of first light-emitting diodes each of which is a phosphor light-emitting diode that emits white light,</p>		<p>The bulb has 5 white LEDs.</p> <p>Each white LED is a phosphor LED that emits white light.</p>

each first light-emitting diode comprising a diode encased in a light-transmitting package;



Each first LED is encased in a light trasmittig package.

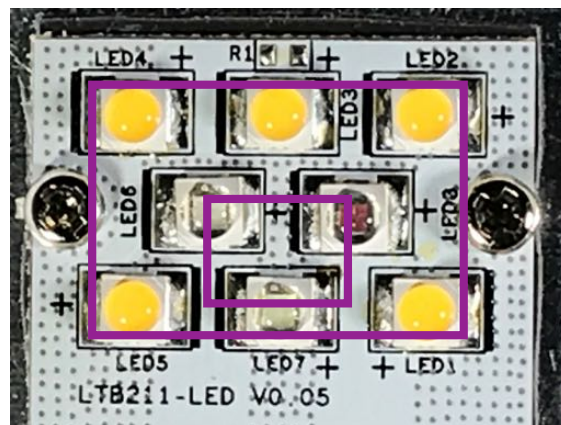
a plurality of second light-emitting diodes each of which emits non-white light, each second light-emitting diode comprising a diode encased in a light-transmitting package;



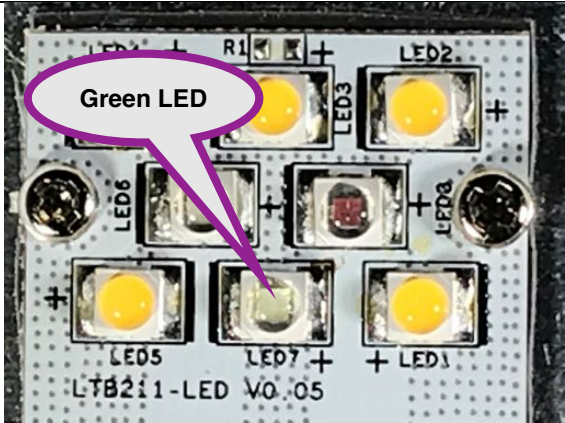
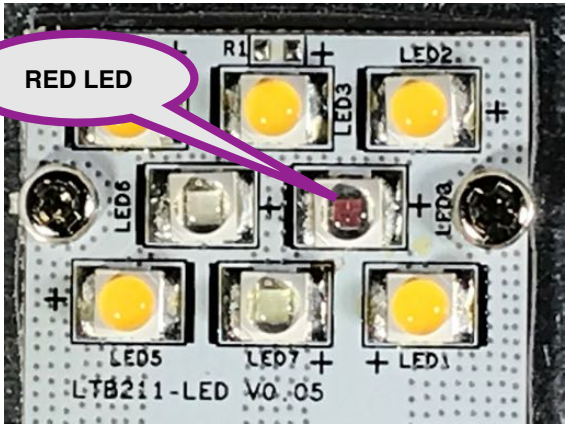
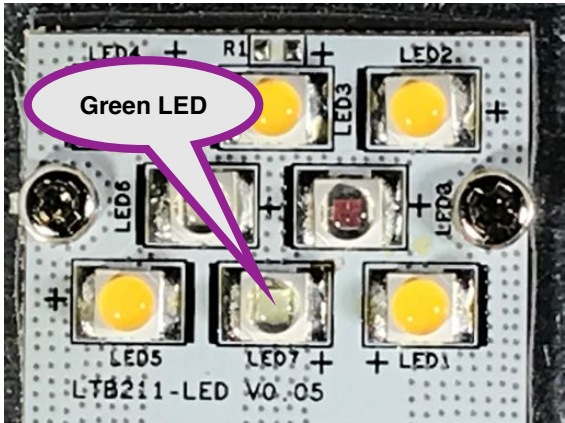
Each bulb has three non-white LEDs.

Each non-white LED is encased in a light transmitting package.

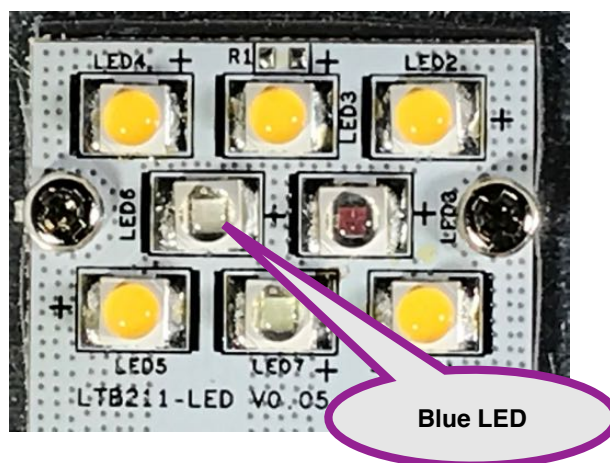
wherein the first and second light-emitting diodes are arranged to emit light into the optical cavity such that mixing of spectral outputs from the first and second light-emitting diodes occurs in the optical cavity.



The white, red, green, and blue LEDs are arranged geometrically to mix the light spectral outputs within the optical cavity.

<p>11. A light source of claim 10, further comprising at least one third light-emitting diode having a spectral output different from those of the first and second light-emitting diodes.</p>	 <p>A photograph of a printed circuit board (PCB) populated with several surface-mount LEDs. A purple callout bubble with the text "Green LED" points to a small, square, green LED package located in the center of the board, between two larger yellow LEDs. Other components labeled include R1, LED2, LED3, LED4, LED5, LED6, LED7, and LED8. The text "LT8211-LED V0.05" is visible at the bottom of the board.</p>	<p>Each bulb has a third LED (green) that has a spectral output different than the first (white) and second (red) LED's.</p>
<p>12. A light source of claim 11, wherein the spectral output of the second light-emitting diodes is a red output.</p>	 <p>A photograph of the same LED circuit board as in the first image. A purple callout bubble with the text "RED LED" points to a small, square, red LED package located in the center of the board, between two larger yellow LEDs. Other components labeled include R1, LED2, LED3, LED4, LED5, LED6, LED7, and LED8. The text "LT8211-LED V0.05" is visible at the bottom of the board.</p>	<p>Each bulb second non-white (red) LED encased in a light transmitting package.</p>
<p>13. A light source of claim 11, wherein the spectral output 65 of the third light-emitting diode is a green output.</p>	 <p>A photograph of the same LED circuit board as in the first image. A purple callout bubble with the text "Green LED" points to a small, square, green LED package located in the center of the board, between two larger yellow LEDs. Other components labeled include R1, LED2, LED3, LED4, LED5, LED6, LED7, and LED8. The text "LT8211-LED V0.05" is visible at the bottom of the board.</p>	<p>Each bulb has a third (green) LED encased in a light transmitting package.</p>

14. A light source of claim 13, further comprising at least one fourth light-emitting diode having a blue output.



Each bulb has a fourth (blue) LED encased in a light transmitting package.